

YEAR 12A/ B –CHEMISTRY

WEEK 8 (10th May to 14th May) 3 lessons for both batches

Work sent to the students through Whats app group / Google classroom / Zoom Learning Platform

Lesson Objective: Explain the mass spectrometry in organic compounds.

Lesson Outcome: Analyse the data from a mass spectrometer.
Determine the molecular mass of an organic compound.

Resources: Text book, Worksheet file, video, power point presentations.

Date	Lesson	Topic	Mode of Teaching	
12 th May Tuesday 12A	1 12A 7 12B	Assessment	Zoom	Google forms
11 th May Monday 12B	2 12A 2 12B	Use data from a mass spectrometer to determine the relative molecular mass of an organic compound from the molecular ion peak. Discussion of Chapter Questions & Worksheet file questions	Zoom	Complete the textbook and worksheet file questions and asks students to share the answers with the whole class.
13 th May Wednesday 12A	2 12A	Research about the use of mass spectra to identify organic compounds.	Asynchronous Learning	Students should write a report or prepare a PowerPoint presentation.
14 th May Thursday 12B	7 12B			

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Lesson Objective: To explain the different purification techniques.

Lesson Outcome : Identify the errors in the diagram set up of purifying and separating organic compounds.

Resources: Text book, Worksheet file, video, power point presentations.

Date	Lesson	Topic	Mode of Teaching	
11 th May Monday 12A	6 12A	Explain the diagram used to purify the organic compounds. Discuss the different techniques used to purify organic compounds. Read pg. 208 ,209 & 210 of text book.	Zoom	Teacher uses PowerPoint presentation that contains interactive questions.
13 th May Wednesday 12B	7 12B			
11 th May Monday 12A	7 12A	Discussion of Chapter Questions & Worksheet file questions	Zoom	Discuss and solve worksheet questions and give chance for students to present the answers for the whole class.
13 th May Wednesday 12B	8 12B			
12 th May Tuesday 12B	7 12B	Reinforce the purification techniques. Instructions to solve the worksheet is uploaded in the google classroom	GC	Students solve the worksheet file questions and upload in the google classroom at end of the lesson
13 th May Wednesday 12A	1 12A			